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Reviewer: Durreshwar Anjum

Timestamp: [year=2009; month=9; day=16; hr=13; min=53; sec=41; ms=601;]

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Application No: 10539992 Version No: 4.0

Input Set:**Output Set:**

Started: 2009-08-31 20:08:25.390
Finished: 2009-08-31 20:08:28.859
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 469 ms
Total Warnings: 38
Total Errors: 0
No. of SeqIDs Defined: 119
Actual SeqID Count: 119

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Input Set:

Output Set:

Started: 2009-08-31 20:08:25.390
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Total Warnings: 38
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Actual SeqID Count: 119

Error code

Error Description

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<110> KURODA, Masaharu

<130> 59150-8035

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<141> 2009-08-31

<150> PCT/JP2003/015753

<151> 2003-12-09

<150> JP 2002-369700

<151> 2002-12-20

<160> 119

<170> PatentIn version 3.3

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<211> 617

<212> DNA

<213> Oryza sativa

 $\langle 220 \rangle$

<223> 13kD prolamin RM9

<400> 1

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<211> 156

<212> PRT

<213> Oryza sativa

 $\langle 220 \rangle$

<223> 13kD prolamin RM9

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Cys Gln Gln Leu Arg Leu Val Ala Gln Gln Ser His Tyr Gln Ala Ile
 85 90 95
 Ser Ser Val Gln Ala Ile Val Gln Gln Leu Gln Leu Gln Gln Val Gly
 100 105 110
 Val Val Tyr Phe Asp Gln Thr Gln Ala Gln Ala Gln Ala Leu Leu Ala
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 Pro Arg Ser Ile Pro Thr Val Gly Gly Val Trp Tyr
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 gctgcatgca ggccctctgcc gagtttgatg tttttaggtc aaagttatag gcaatatcag 300
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<220>
 <223> 13kD prolamin

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 Leu Gln Ser Pro Val Leu Leu Gln Gln Gln Val Leu Ser Pro Tyr Asn
 35 40 45
 Glu Phe Val Arg Gln Gln Tyr Gly Ile Ala Ala Ser Pro Phe Leu Gln
 50 55 60
 Ser Ala Ala Phe Gln Leu Arg Asn Asn Gln Val Trp Gln His Gln Ala
 65 70 75 80
 Gly Gly Gln Gln Ser Arg Tyr Gln Asp Ile Asn Ile Val Gln Ala Ile
 85 90 95
 Ala Tyr Glu Leu Gln Leu Gln Gln Phe Gly Asp Leu Tyr Phe Asp Arg
 100 105 110

Asn Gln Ala Gln Ala Gln Ala Leu Leu Ala Phe Asn Val Pro Ser Arg
 115 120 125
 Tyr Gly Ile Tyr Pro Arg Tyr Tyr Gly Ala Pro Ser Thr Ile Thr Thr
 130 135 140
 Leu Gly Gly Val Leu
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 <213> Oryza sativa

<220>
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 gtgtcttgta atgtgtttta acaaggtata gtggttcgga agttaaaaat aagctcagat 660
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<210> 8
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 <212> PRT
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 Leu Gln Ser Pro Val Leu Leu Gln Gln Gln Val Leu Ser Pro Tyr Asn
 35 40 45
 Glu Phe Val Arg Gln Gln Tyr Gly Ile Ala Ala Ser Pro Phe Leu Gln
 50 55 60
 Ser Ala Ala Phe Gln Leu Arg Asn Asn Gln Val Trp Gln Gln Leu Ala
 65 70 75 80
 Leu Val Ala Gln Gln Ser His Tyr Gln Asp Ile Asn Ile Val Gln Ala
 85 90 95
 Ile Ala Gln Gln Leu Gln Leu Gln Gln Phe Gly Asp Leu Tyr Phe Asp
 100 105 110
 Arg Asn Leu Ala Gln Ala Gln Leu Ala Phe Asn Val Pro Ser Arg Tyr
 115 120 125
 Gly Ile Tyr Pro Arg Tyr Tyr Gly Ala Pro Ser Thr Ile Thr Thr Leu
 130 135 140
 Gly Gly Val Leu

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<210> 9
<211> 650
<212> DNA
<213> *Oryza sativa*

<220>
<223> 13kD prolamin

<400> 9
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attacagcga aagcataaca actagaatcc taccacaatg aagatcattt tcttctttgc 180
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<210> 10
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<212> PRT
<213> *Oryza sativa*

<220>
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20 25 30
Leu Gln Gln Gln Met Leu Ser Pro Cys Gly Glu Phe Val Arg Gln Gln
35 40 45
Cys Ser Thr Val Ala Thr Pro Phe Phe Gln Ser Pro Val Phe Gln Leu
50 55 60
Arg Asn Cys Gln Val Met Gln Gln Gln Cys Cys Gln Gln Leu Arg Met
65 70 75 80
Ile Ala Gln Gln Ser His Cys Gln Ala Ile Ser Ser Val Gln Ala Ile
85 90 95
Val Gln Gln Leu Gln Leu Gln Gln Phe Ser Gly Val Tyr Phe Asp Gln
100 105 110
Ala Gln Ala Gln Ala Gln Ala Met Leu Gly Leu Asn Leu Pro Ser Ile
115 120 125
Cys Gly Ile Tyr Pro Ser Tyr Asn Thr Val Pro Glu Ile Pro Thr Val
130 135 140
Gly Gly Ile Trp Tyr
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<210> 11
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<212> DNA
<213> *Oryza sativa*

<220>

<223> 13kD prolamin

<400> 11

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atatcaacta caatcgcatc tccagctaca gcaacaagtg ctcagcccat gcagtgagtt    180
cgtaaggcaa cagcatagca tagtggcaac ccccttctgg caaccagcta cgtttcaatt    240
gataaacaac caagtcatgc agcaacagtg ttgccaacag ctcaggctgg tagcgcaaca    300
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ggtcggtggt gtctactttg atcagactca agctcaagct caagctttgc tggccttaaa    420
cttgccatcc atatgtggta tctatcctaa ctactacatt gctccgagga gcattccac    480
cgttggtgtg tctggtactg aattgtaata gtataatggg tcaaagtta aaaataaagt    540
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<212> PRT

<213> Oryza sativa

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<223> 13kD prolamin

<400> 12

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          20           25           30
Leu Gln Ser His Leu Gln Leu Gln Gln Gln Val Leu Ser Pro Cys Ser
          35           40           45
Glu Phe Val Arg Gln Gln His Ser Ile Val Ala Thr Pro Phe Trp Gln
          50           55           60
Pro Ala Thr Phe Gln Leu Ile Asn Asn Gln Val Met Gln Gln Gln Cys
65           70           75           80
Cys Gln Gln Leu Arg Leu Val Ala Gln Gln Ser His Tyr Gln Ala Ile
          85           90           95
Ser Ser Val Gln Ala Ile Val Gln Gln Leu Gln Leu Gln Gln Val Gly
          100          105          110
Val Val Tyr Phe Asp Gln Thr Gln Ala Gln Ala Gln Leu Leu Ala
          115          120          125
Leu Asn Leu Pro Ser Ile Cys Gly Ile Tyr Pro Asn Tyr Tyr Ile Ala
          130          135          140
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145           150           155
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<210> 13

<211> 603

<212> DNA

<213> Oryza sativa

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ccatccatat gtggtatcta ccctaactac tatagtgtc ccaggagcat tgccactgtt 480
ggtgggtgtct ggtactgaat tgtaacaata taatagttcg tatgttaaaa ataaagtcac 540
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20          25          30
Leu Gln Ser His Leu Leu Leu Gln Gln Gln Val Leu Ser Pro Cys Ser
35          40          45
Glu Phe Val Arg Gln Gln Tyr Ser Ile Val Ala Thr Pro Phe Trp Gln
50          55          60
Pro Ala Thr Phe Gln Leu Ile Asn Asn Gln Val Met Gln Gln Gln Cys
65          70          75          80
Cys Gln Gln Leu Arg Leu Val Ala Gln Gln Ser His Tyr Gln Ala Ile
85          90          95
Ser Ile Val Gln Ala Ile Val Gln Gln Leu Gln Leu Gln Gln Phe Ser
100         105         110
Gly Val Tyr Phe Asp Gln Thr Gln Ala Gln Ala Gln Thr Leu Leu Thr
115         120         125
Phe Asn Leu Pro Ser Ile Cys Gly Ile Tyr Pro Asn Tyr Tyr Ser Ala
130         135         140
Pro Arg Ser Ile Ala Thr Val Gly Gly Val Trp Tyr
145         150         155

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<220>
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ataatgagtt cgtaaggcag cagtatagca ttgcggcaag caccttcttg caatcagctg 240
cgtttcaact gagaaacaac caagtcttgc aacagctcag gctgggtggcg caacaatctc 300
actaccagga cattaacgtt gtccaggcca tagcgcacca gctacacctc cagcagtttg 360
gcaatctcta cattgaccgg aatctggctc aagctcaagc actgttggtt tttaacttgc 420

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          20          25          30
Val Gln Ser Pro Leu Leu Leu Gln Gln Gln Val Leu Ser Pro Tyr Asn
          35          40          45
Glu Phe Val Arg Gln Gln Tyr Ser Ile Ala Ala Ser Thr Phe Leu Gln
          50          55          60
Ser Ala Ala Phe Gln Leu Arg Asn Asn Gln Val Leu Gln Gln Leu Arg
65          70          75          80
Leu Val Ala Gln Gln Ser His Tyr Gln Asp Ile Asn Val Val Gln Ala
          85          90          95
Ile Ala His Gln Leu His Leu Gln Gln Phe Gly Asn Leu Tyr Ile Asp
          100         105         110
Arg Asn Leu Ala Gln Ala Gln Ala Leu Leu Ala Phe Asn Leu Pro Ser
          115         120         125
Thr Tyr Gly Ile Tyr Pro Trp Ser Tyr Ser Ala Pr

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